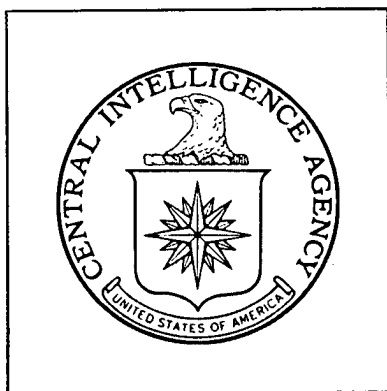


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**DIRECTORATE OF
INTELLIGENCE**

**Industrial Facilities
(Non-Military)**

Basic Imagery Interpretation Report

Major Electric Power Plants

Kweichow Province, China



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DATE MAY 1970

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CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

ABSTRACT

This report covers the four major power plants in Kweichow Province, southern China. It updates the previous basic reports on two plants at Ching-chen and one at Kuei-yang on the basis of 1969 photography, and it provides the initial basic report on Ching-chen Thermal Power Plant 2. The cutoff date for information in this report is March 1970.

Ching-chen Thermal Power Plant 2 was first observed under construction in April 1967. By March 1969, a boilerhouse stack appeared complete, one section of the boilerhouse and generator hall appeared nearly complete, and footings for another section were observed. The switching yard, a control house, a coal conveyor, and a pumphouse were under construction. The plant was not operational.

Since the previous reports, no construction or dismantling has been observed at the other two Ching-chen plants. On the latest coverage, the Ching-chen Hydro Power Plant did not appear to be operating. The Ching-chen Thermal Power Plant has not been completed and has not been seen operating.

At the Kuei-yang plant, the framework of the eastern cooling tower has been completed, but the northern boilerhouse section has not. The plant was operating in April and August 1969.

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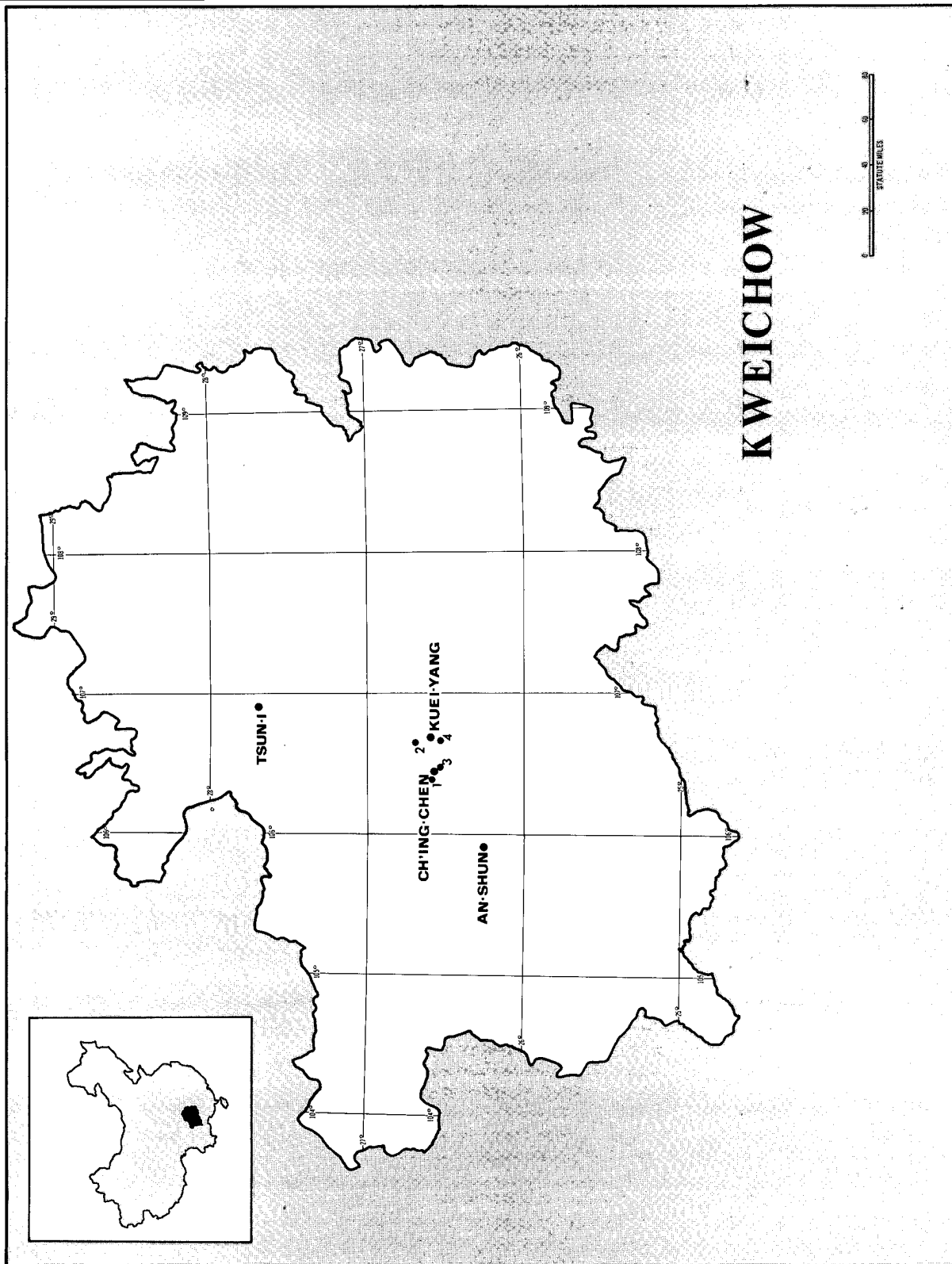


FIGURE 1. LOCATION MAP.

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INTRODUCTION

This report covers the four major electric power plants in Kweichow Province. It updates previous basic reports on three plants and provides the initial basic report on Ching-chen Thermal Power Plant 2.

1. Ching-chen Hydro Power Plant Hung-feng.
2. Ching-chen Thermal Power Plant.
3. Ching-chen Thermal Power Plant 2.
4. Kuei-yang Thermal Power Plant.

Requirement

COMIREX NO1
Support Number 420367

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Ching-chen Hydro Power Plant Hung-feng		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
48RXE422380	26-33-15N 106-25-40E	
MAP REFERENCE		
15th RTS. USATC, Series 200, Sheet M0496-10HL, 2nd ed, Oct 65, Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		NA

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BASIC DESCRIPTION

No changes have been observed at Ching-chen Hydro Power Plant since April 1967, the date of the latest photography in the previous report.

The plant did not appear to be operating as no turbulence was observed in the tailrace. However, the quality of the photography may have precluded its observation.

REFERENCES

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Document

CIA. BCS 13/0050/69, Ching-chen Hydro Power Plant (Hung-feng), September 1968,
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INSTALLATION OR ACTIVITY NAME		COUNTRY
Ching-chen Thermal Power Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
48RXE443345*	26-31-28N 106-26-55E*	
MAP REFERENCE		
15th RTS. USATC, Series 200, Sheet M0496-10HL, 2nd ed, Oct 65, Scale 1:200,000		
(SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		NA

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*Action has been initiated to correct the geographic coordinates in the Basic Encyclopedia to 26-41-20N 106-38-40E. The UTM coordinates should be 48RXE640536.

BASIC DESCRIPTION

No evidence of construction has been observed at the Ching-chen Thermal Power Plant since March 1968, the date of the latest photography in the previous report. The plant has not been completed and is not operational.

REFERENCES

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Document

CIA. BCS 13/0110/69, Selected Chinese Power Plants, May 1969, (TOP SECRET RUFF)

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FIGURE 2. CHING-CHEN THERMAL POWER PLANT 2,

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Key to Annotations		
Item	Description	Dimensions (ft)*
1	Switching Yard	--
2	Control House	--
3	Coal Storage and Conveyor	--
4	Boilerhouse	150 x 120
5	Generator Hall	150 x 100
6	Pumphouse	--
7	Water Intake	--
*Dimensions are approximate.		

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INSTALLATION OR ACTIVITY NAME				COUNTRY	
Ching-chen Thermal Power Plant 2*				CH	
UTM COORDINATES	GEOGRAPHIC COORDINATES	BE NUMBER	COMIREX NO.	NIETB NO.	
48RXE443345	26-31-28N 106-26-55E	None	None	None	
MAP REFERENCE					
15th RTS. USATC, Series 200, Sheet M0496-10HL, 2nd ed, Oct 65, Scale 1:200,000 (SECRET)					
LATEST IMAGERY USED			NEGATION DATE (if required)		

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*Action has been initiated to enter the data on this thermal power plant in the Basic Encyclopedia.

BASIC DESCRIPTION

Ching-chen Thermal Power Plant 2 is under construction on the east bank of a large reservoir, 2.1 nautical miles (nm) southwest of Ching-chen and 14.5 nm west of Kuei-yang. The plant occupies an unsecured area about 1,200 by 1,100 feet and is road and rail served.

The plant was first seen under construction in April 1967, when the foundation for the boilerhouse and generator hall was first observed. By March 1969, the boilerhouse stack appeared complete, one section of the boilerhouse and generator hall appeared nearly complete, and footings for another section were observed. The switching yard, a control house, a coal conveyor and storage area, and a pumphouse were under construction.

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